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PATENT & TRADEMARK OFFICE

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ATSUSHI TANAKA, ET AL.

Application No.: 09/526,463

Filed: March 16, 2000

For: COORDINATE INPUT DEVICE AND ITS CONTROL METHOD, AND COMPUTER READABLE MEMORY

Examiner: V. Shankar

OIPE

Group Art Unit: 2673

February 11, 2003

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Commissioner for Patents
Washington, D.C. 20231

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

Applicants certify under 37 C.F.R. §1.97(e)(1) that each item of information contained in the subject information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. Specifically, these documents were first cited in a Japanese Office

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Action dated December 6, 2002, in a corresponding Japanese patent application. A copy of the Office Action that issued on that related application is enclosed.

Each Japanese document, with the exception of Document No. 4-299727 (the '727 document), includes an English abstract, which is submitted to provide a concise explanation of relevance. With respect to the '727 document, corresponding European Patent No. 0 484 160 is being provided. For the Examiner's additional information, paragraph 37 (page 5) of Japanese Document No. 6-230897, reads as follows:

> In order to decrease output of optical pattern from optical pattern projecting means as possible, and to cancel noise caused by influence of disturbance light such as interior lighting or the like, it is preferable to employ an optical synchronization detection method (lock-in method) for a time-modulating the output of optical pattern from optical pattern projecting means and demodulating by optical pattern movement detection means, to separate the output of optical pattern into noise optical component and optical pattern component.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

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